

Application No. 10/014,679
Response After Final "B" Under 37 C.F.R. § 1.111 dated September 9, 2004
Reply to FINAL Office Action mailed June 9, 2004

Response Under 37 C.F.R § 1.116
Expedited Procedure
Examining Group 3663

PATENT APPLICATION
Docket No. 15436.247.45.1

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CENTRAL FAX CENTER
SEP 09 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jeffery D. Walker, et al.

Serial No.:

10/014,679

Filed:

December 11, 2001

Confirmation No.:

3207

For:

INTEGRATED OPTICAL DEVICE INCLUDING A
VERTICAL LASING SEMICONDUCTOR OPTICAL
AMPLIFIER

Customer No.:

Customer No. 022913

Examiner:

Mark Hellner

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION UNDER 37 C.F.R. § 1.116


Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


In response to the FINAL Office Action mailed June 9, 2004 (the "Office Action"), please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.


Remarks/Arguments begin on page 9 of this paper.

| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | Docket No. | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------|
| Applicant(s): Walker et al. | | | | 15436.247.45.1 | |
| Application No. 10/014,679 | Filing Date 12/11/2001 | Examiner Mark Hellner | Customer No. 022913 | Group Art Unit 3663 | Confirmation No. 3207 |
| Invention: INTEGRATED OPTICAL DEVICE INCLUDING A VERTICAL LASING SEMICONDUCTOR OPTICAL AMPLIFIER | | | | | |
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| <u>COMMISSIONER FOR PATENTS:</u> | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 33 - | 34 = | 0 x | \$18.00 | \$0.00 |
| INDEP. CLAIMS | 5 - | 5 = | 0 x | \$86.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. | | | | | |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ | | | | | |
| <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. | | | | | |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 23-3178 | | | | | |
| <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. | | | | | |
| <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. | | | | | |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038. | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
|  Signature | | | Dated: September 9, 2004 | | |
| Eric L. Maschoff Registration No.: 36,596 | | | <div style="border: 1px solid black; padding: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date)</div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Signature of Person Mailing Correspondence</div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Typed or Printed Name of Person Mailing Correspondence</div> | | |
| CC: | | | | | |
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| cc: | | | | | |
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| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ | | | | | | |
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| CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) | | | Docket No. 15436.247.45.1 |
| Applicant(s): Walker et al. | | | |
| Application No. 10/014,679 | Filing Date December 11, 2001 | Examiner Mark Hellner | Group Art Unit 3663 |
| Invention: INTEGRATED OPTICAL DEVICE INCLUDING A VERTICAL LASING SEMICONDUCTOR OPTICAL AMPLIFIER | | | |
| <p>I hereby certify that this _____ <u>*See Below</u></p> <p>(Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)</p> <p>on <u>September 9, 2004</u></p> <p>(Date)</p> <p style="text-align: right;">Eric L. Maschoff</p> <p style="text-align: right;">(Typed or Printed Name of Person Signing Certificate)</p> <p style="text-align: right;"></p> <p style="text-align: right;">(Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p> <ul style="list-style-type: none">• Amendment Transmittal Letter (1 pg., in triplicate)• Amendment and Response to Final Office Action (11 pgs)• Certificate of Transmission by Facsimile (1 pg.) | | | |

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Workman Nydegger

1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Phone: (801) 533-9800
Fax: (801) 328-1707

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FAX TRANSMISSION COVER SHEET

Date: September 9, 2004
To: USPTO
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Fax: 703-872-9306
Phone:
Re: United States Patent Application Number 10/014,679
Amendment Dated September 9, 2004
Sender: Mandy Lomeli for Eric L. Maschoff

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